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| Выполняемая команда | | Содержимое регистров процессора после выполнения команды | | | | | | | | Ячейка, содержимое которой изменилось после выполнения команды | |
| Адрес | Код | IP | CR | AR | DR | SP | BR | AC | NZVC | Адрес | Новый код |
| 118 | 0200 | 119 | 0200 | 118 | 0200 | 000 | 0118 | 0000 | 0100 |  |  |
| 119 | EE18 | 11A | EE18 | 132 | 0000 | 000 | 0018 | 0000 | 0100 | 132 | 0000 |
| 11A | AE16 | 11B | AE16 | 131 | 0000 | 000 | 0016 | 0000 | 0100 |  |  |
| 11B | 0C00 | 11C | 0C00 | 7FF | 0000 | 7FF | 011B | 0000 | 0100 |  |  |
| 11C | D666 | 666 | D666 | 7FE | 011D | 7FE | D666 | 0000 | 0100 | 7FE | 011D |
| 666 | AC01 | 667 | AC01 | 7FF | 0000 | 7FE | 0001 | 0000 | 0100 |  |  |
| 667 | F206 | 668 | F206 | 667 | F206 | 7FE | 0667 | 0000 | 0100 |  |  |
| 668 | F005 | 66E | F005 | 668 | F005 | 7FE | 0005 | 0000 | 0100 |  |  |
| 66E | AE02 | 66F | AE02 | 671 | 0898 | 7FE | 0002 | 0898 | 0000 |  |  |
| 66F | EC01 | 670 | EC01 | 7FF | 0898 | 7FE | 0001 | 0898 | 0000 | 7FF | 0898 |
| 670 | 0A00 | 11D | 0A00 | 7FE | 011D | 7FF | 0670 | 0898 | 0000 |  |  |
| 11D | 0800 | 11E | 0800 | 7FF | 0898 | 000 | 011D | 0898 | 0000 |  |  |
| 11E | 0740 | 11F | 0740 | 11E | 0740 | 000 | 011E | 0897 | 0001 |  |  |
| 11F | 6E12 | 120 | 6E12 | 132 | 0000 | 000 | 0012 | 0897 | 0001 |  |  |
| 120 | EE11 | 121 | EE11 | 132 | 0897 | 000 | 0011 | 0897 | 0001 | 132 | 0897 |
| 121 | AE0E | 122 | AE0E | 130 | 0000 | 000 | 000E | 0000 | 0101 |  |  |
| 122 | 0700 | 123 | 0700 | 122 | 0700 | 000 | 0122 | 0001 | 0000 |  |  |
| 123 | 0C00 | 124 | 0C00 | 7FF | 0001 | 7FF | 0123 | 0001 | 0000 | 7FF | 0001 |
| 124 | D666 | 666 | D666 | 7FE | 0125 | 7FE | D666 | 0001 | 0000 | 7FE | 0125 |
| 666 | AC01 | 667 | AC01 | 7FF | 0001 | 7FE | 0001 | 0001 | 0000 |  |  |
| 667 | F206 | 668 | F206 | 667 | F206 | 7FE | 0667 | 0001 | 0000 |  |  |
| 668 | F005 | 669 | F005 | 668 | F005 | 7FE | 0668 | 0001 | 0000 |  |  |
| 669 | 7E07 | 66A | 7E07 | 671 | 0898 | 7FE | 0007 | 0001 | 1000 |  |  |
| 66A | F903 | 66B | F903 | 66A | F903 | 7FE | 066A | 0001 | 1000 |  |  |
| 66B | 0500 | 66C | 0500 | 66B | 0001 | 7FE | 066B | 0002 | 0000 |  |  |
| 66C | 6E05 | 66D | 6E05 | 672 | 0062 | 7FE | 0005 | FFA0 | 1000 |  |  |
| 66D | CE01 | 66F | CE01 | 66D | 066F | 7FE | 0001 | FFA0 | 1000 |  |  |
| 66F | EC01 | 670 | EC01 | 7FF | FFA0 | 7FE | 0001 | FFA0 | 1000 | 7FF | FFA0 |
| 670 | 0A00 | 125 | 0A00 | 7FE | 0125 | 7FF | 0670 | FFA0 | 1000 |  |  |
| 125 | 0800 | 126 | 0800 | 7FF | FFA0 | 000 | 0125 | FFA0 | 1000 |  |  |
| 126 | 4E0B | 127 | 4E0B | 132 | 0897 | 000 | 000B | 0837 | 0001 |  |  |
| 127 | EE0A | 128 | EE0A | 132 | 0837 | 000 | 000A | 0837 | 0001 | 132 | 0837 |
| 128 | AE06 | 129 | AE06 | 12F | 0000 | 000 | 0006 | 0000 | 0101 |  |  |
| 129 | 0C00 | 12A | 0C00 | 7FF | 0000 | 7FF | 0129 | 0000 | 0101 | 7FF | 0000 |
| 12A | D666 | 666 | D666 | 7FE | 012B | 7FE | D666 | 0000 | 0101 | 7FE | 012B |
| 666 | AC01 | 667 | AC01 | 7FF | 0000 | 7FE | 0001 | 0000 | 0101 |  |  |
| 667 | F206 | 668 | F206 | 667 | F206 | 7FE | 0667 | 0000 | 0101 |  |  |
| 668 | F005 | 66E | F005 | 668 | F005 | 7FE | 0005 | 0000 | 0101 |  |  |
| 66E | AE02 | 66F | AE02 | 671 | 0898 | 7FE | 0002 | 0898 | 0001 |  |  |
| 66F | EC01 | 670 | EC01 | 7FF | 0898 | 7FE | 0001 | 0898 | 0001 | 7FF | 0898 |
| 670 | 0A00 | 12B | 0A00 | 7FE | 012B | 7FF | 0670 | 0898 | 0001 |  |  |
| 12B | 0800 | 12C | 0800 | 7FF | 0898 | 000 | 012B | 0898 | 0001 |  |  |
| 12C | 6E05 | 12D | 6E05 | 132 | 0837 | 000 | 0005 | 0061 | 0001 |  |  |
| 12D | EE04 | 12E | EE04 | 132 | 0061 | 000 | 0004 | 0061 | 0001 | 132 | 0061 |
| 12E | 0100 | 12F | 0100 | 12E | 0100 | 000 | 012E | 0061 | 0001 |  |  |

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| № | Адрес | Команды | Мнемоника | Комментарий |
| 1 | 118 | 0200 | CLA | AC = 0 |
| 2 | 119 | EE18 | ST 132 | (132) = AC |
| 3 | 11A | AE16 | LD 131 | AC = (131) |
| 4 | 11B | 0C00 | PUSH | (--SP) = AC |
| 5 | 11C | D666 | CALL 666 | (--SP) = 666 |
| 6 | 11D | 0800 | POP | AC = (SP++) |
| 7 | 11E | 0740 | DEC | AC-- |
| 8 | 11F | 6E12 | SUB 132 | AC = AC - (132) |
| 9 | 120 | EE11 | ST 132 | (132) = AC |
| 10 | 121 | AE0E | LD 130 | AC = (130) |
| 11 | 122 | 0700 | INC | AC++ |
| 12 | 123 | 0C00 | PUSH | (--SP) = AC |
| 13 | 124 | D666 | CALL 666 | (--SP) = 666 |
| 14 | 125 | 0800 | POP | AC = (SP++) |
| 15 | 126 | 4E0B | ADD 132 | AC = AC + (132) |
| 16 | 127 | EE0A | ST 132 | (132) = AC |
| 17 | 128 | AE06 | LD 12F | AC = (12F) |
| 18 | 129 | 0C00 | PUSH | (--SP) = AC |
| 19 | 12A | D666 | CALL 666 | (--SP) = 666 |
| 20 | 12B | 0800 | POP | AC = (SP++) |
| 21 | 12C | 6E05 | SUB 132 | AC = AC - (132) |
| 22 | 12D | EE04 | ST 132 | (132) = AC |
| 23 | 12E | 0100 | HLT | Конец программы |
| 24 | 12F | 0000 |  |  |
| 25 | 130 | 0000 |  |  |
| 26 | 131 | 0000 |  |  |
| 27 | 132 | 0061 |  |  |

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| № | Адрес | Команды | Мнемоника | Комментарий |
| 1 | 666 | AC01 | LD SP + 1 | AC = (SP + 1) |
| 2 | 667 | F206 | BMI 06 | IF N == 1 THEN IP = 66E |
| 3 | 668 | F005 | BEQ 05 | IF Z == 1 THEN IP = 66E |
| 4 | 669 | 7E07 | CMP 671 | Сравнить AC и (671) |
| 5 | 66A | F903 | BGE 03 | IF N(+)V == 0 THEN IP = 66E |
| 6 | 66B | 0500 | ASL | Арифметический сдвиг влево  AC = 2 \* AC C = AC15 |
| 7 | 66C | 6E05 | SUB 672 | AC = AC - (672) |
| 8 | 66D | CE01 | JUMP IP + 01 + 1 | IP = 66F |
| 9 | 66E | AE02 | LD 671 | AC = (671) |
| 10 | 66F | EC01 | ST SP + 1 | (SP + 1) = AC |
| 11 | 670 | 0A00 | RET | IP = (SP++) |
| 12 | 671 | 0898 |  |  |
| 13 | 672 | 0062 |  |  |